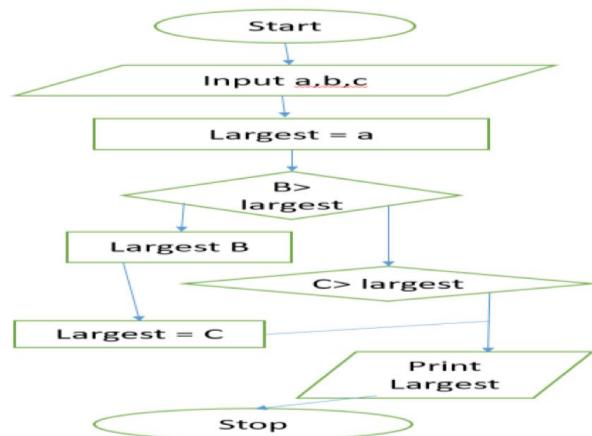


PROBLEM 3.1.1

Flowchart



Algorithm

Start

Input: Read three separate integers from the user, one by one (a, b, and c).

Initialization: Assume the first number (a) is the **largest** and store it in a variable called largest.

Comparison 1: Check if the second number (b) is greater than largest.

- **If Yes:** Update largest to be equal to b .

Comparison 2: Check if the third number (c) is greater than the current largest.

- **If Yes:** Update largest to be equal to c .

Output: Print the final value of largest.

Stop

CODETANTRA [Home](#)

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3.1.1. Largest of Three Numbers

00:07 [A](#) [L](#) [C](#) [P](#) -

Write a Python program that prompts the user to enter three integers. Print the largest of the three integers.

Input Format:

- The program will prompt the user to enter three integers, one per line.

Output Format:

- The output will display the largest integer among the three integers.

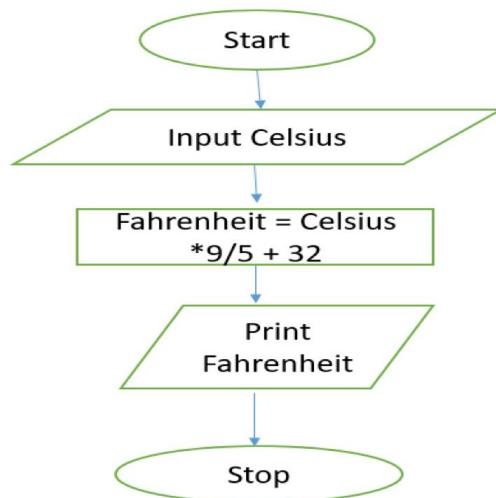
largestNu...

```
1 a = int(input())
2 b = int(input())
3 c = int(input())
4
5 largest = a
6 if b > largest: largest = b
7 if c > largest: largest = c
8
9
10
11
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47
48
49
```

==== YOUR PROGRAM HAS ENDED ===

PROBLEM 3.1.2

Flowchart



Algorithm

Start

Input: Read the temperature value in Celsius from the user.

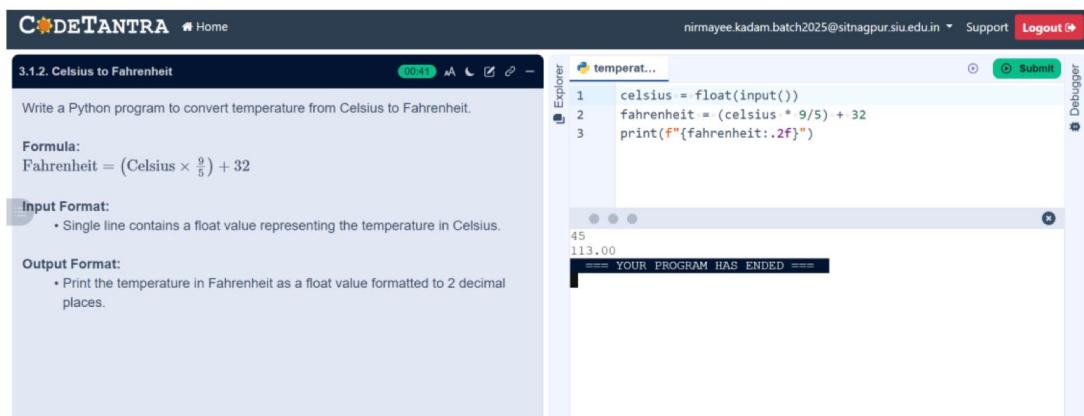
Process: Convert the input value to a floating-point number (decimal).

Calculation: Calculate the Fahrenheit temperature using the formula:

- $Fahrenheit = (Celsius \times \frac{9}{5}) + 32$

Output: Print the calculated Fahrenheit value, formatted to exactly **two decimal places**.

End



The screenshot shows a Python code editor on the CodeTantra platform. The code is as follows:

```
1 celsius = float(input())
2 fahrenheit = (celsius * 9/5) + 32
3 print(f"{fahrenheit:.2f}")
```

The code is run with an input of 45, and the output is 113.00. The interface includes a sidebar with 'Explorer' and 'Debugger' tabs, and a status bar at the bottom.